



WINTER 2014 eNEWSLETTER

WHAT'S NEW

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IN THE NEWS

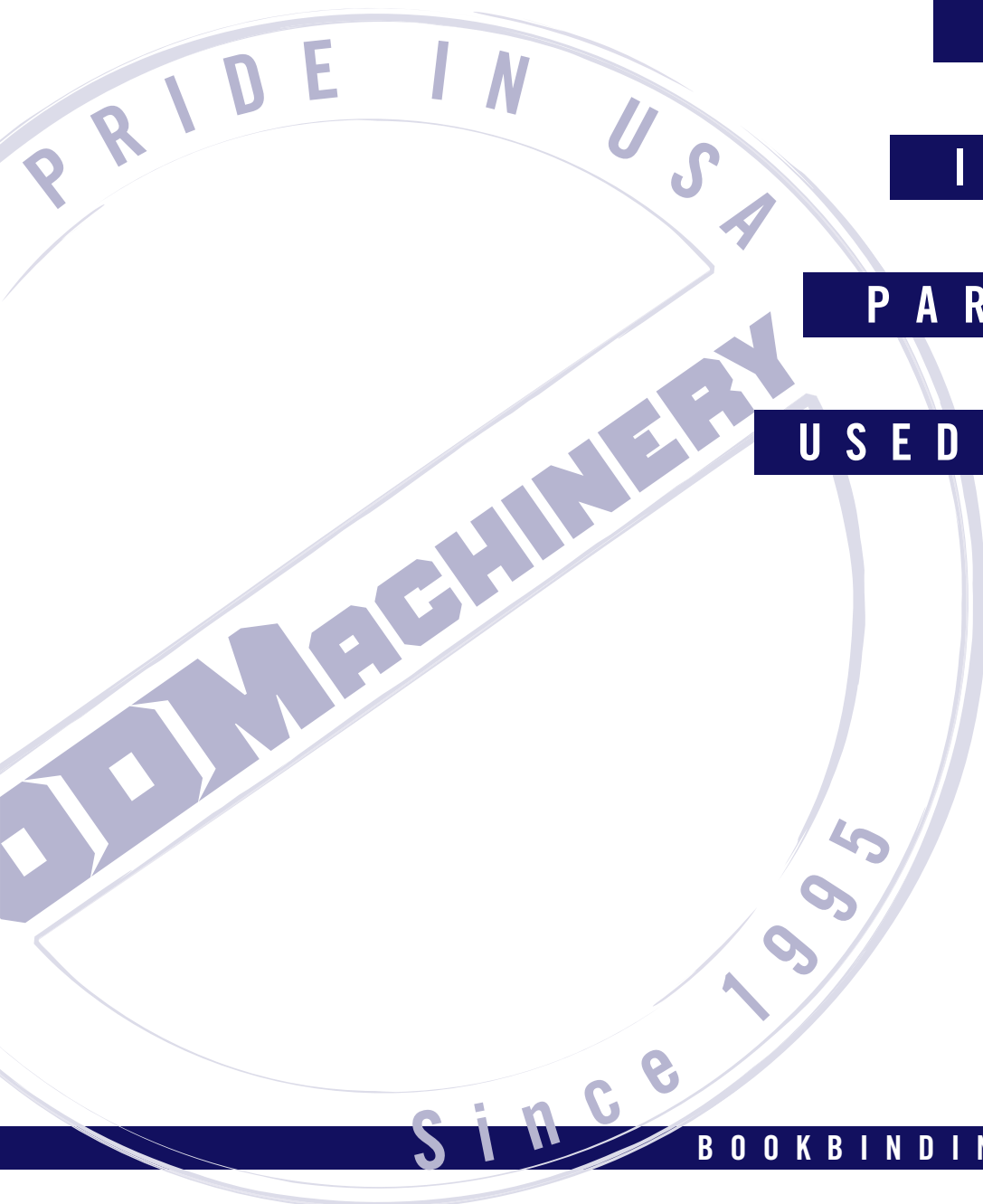
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BOOKBINDING MADE SIMPLE!

ODM Book-Trac™ Barcode Technology Matches Book Blocks with Covers

On Demand Machinery has partnered with Productive Solutions (Data Integrity Control Systems) and combined their expertise to expand the **Book-Trac™** family of products. Thus creating the ability for customizable automation controls and production reporting capabilities to all of our book-manufacturing clients.

ODM Book-Trac™ ...Aimed at Improving Production Profits and Integrity!

The addition of the **ODM Book-Trac™** on the Super Sticker™ is the first in a series of future options aimed at improving production profits and integrity.

We accomplish this in two ways. First we automate the cover spine adjustment with the ODM Super Sticker™ Auto-Sizing Option. This in-line reading system allows you to group similar book layout sizes (all 8x8's or 6x9's for example) into one production session. By reading the Book ID Barcode, we are able to instruct the Super Sticker™ to automatically adjust for the next book's spine thickness. This all occurs before the book block carriage has been repositioned, thereby increasing throughput.

Secondly, we match the cover to the manually loaded book block. If they match, we let the process continue. If they do not match, we inhibit the Super Sticker™ from being able to proceed, and visually warn the operator of the mismatch.

GREEN GOOD COVER or RED BAD COVER



The marriage of capabilities delivers near real-time reporting directly from your shop floor. Each book (**Green Good Cover or Red Bad Cover**) is recorded, and time stamped in an SQL type format table. Since we stop the process before the book is bound, this virtually eliminates scrap and rework, thereby increasing production throughput as well.

Production reporting can be recorded on the supplied host PC, or "pushed/pulled" to your local SQL Server. It's fully compatible with Productive Solutions' STRATUS Job Tracking & Reporting System.

ODM Book-Trac™ is now available for the Super Sticker™. It can be ordered with a new Super Sticker™ or retrofitted in the field to your existing ODM automated casing-in system.



Operator just places the book block on the book carriage while the Super Sticker™ is in the home position. The ODM Book-Trac™ scanner reads the ID Barcode.



Book covers are stacked on the left conveyor belt and the ODM Book-Trac™ scanner prior to casing-in process reads ID Barcode.

WHAT'S NEW AT ODM...

Produce Wallet to Tabloid Size Photo Books with ODM's Next Generation of Casemaking Machines... the *XXL Series*.

The demand to create tabloid size hard cover books is growing strong for photo book and yearbook printers. ODM's **XXL Series** is easily 'scalable' to fit your production requirements enabling you to produce hard cover books from wallet to 18"x18" tabloid size, up to 4" thick.

The **XXL Series** is the Next Generation of ODM equipment for sewing-in, casemaking, casing-in and building-in. These entry-level hard cover bookbinding machines work seamlessly together or independently to produce '**library-quality**' books that will last for generations.

Super Sewer™ XXL is an automatic, side sewing machine designed for producing side-sewn book blocks (up to 400 per hour) from 4"x4"x 1/32" to 18"x18"x1". Super Sewer™ XXL pre-drills holes prior to thread stitching enabling the book block thickness up to one inch. It's the strongest method of any commercial binding.

Casemaking System™ XXL is self-adjusting and simple to operate, making it the ideal choice for printers requiring on demand bindery and short run applications. The Casemaking System™ can produce up to 200 covers per hour from wallet (4"x4") to tabloid size (18"x18"); up to 1/2" thick.

Sticker™ XXL (casing-in machine) is simple to operate, self-adjusting and requires no make ready. Sticker™ XXL features a touch screen LCD control panel allowing the operator to select the book size from 4"x4" up to 18"x18" (up to 1/2" thick), a three-position blade height control and removable glue stations for fast and easy clean up.

Smasher™ XXL (building-in machine) is self-adjusting, simple to operate, and requires no make ready. Operator places the cased-in book into the Smasher™ XXL and depresses a foot pedal that brings the top joint iron in contact with the book. This enables the operator to accurately find the joint area of the book. Dual buttons are depressed that activate the hydraulic system that raises the bottom steel platen and clamps the book with 10 tons of pressure. The heated joint irons aid in forming the joint by reactivating the adhesive in the joint area and softening hard cover materials such as library buckram and film laminates thus producing a '**library-quality**' case bound hard cover book that will last for generations to enjoy.

View Demo Movies at:

<http://www.odmmachinery.com/supersewerxxl.htm>

<http://www.odmmachinery.com/casemakingxxl.htm>



ODM XXL Series is designed for producing '**library-quality**' hard cover books from wallet to tabloid (18"x18") size up to 4" thick.



FROM WALLET
TO OVERSIZE
TABLOIDS
XXL SERIES
THE NEXT GENERATION

VISIT IPEX | STAND N3-D255 | LONDON | MAR 24-29

ODM Super Squasher™ Air Press Machine for Super-Sized Media

The ODM Super Squasher™ Air Press machine is designed for pressing, compacting and squashing super-sized media up to 19" x 24" with a 17" opening. Ideal for pressing book covers, photo album pages, menu covers, file folder products with an accordion type folder and hand assembly items requiring pressing.

Super Squasher™, with a 16" stroke, provides up to 3000 pounds of pressure. The unit is mounted on a heavy-duty steel tabletop. Safety system promotes safe operation with one-touch control and is designed for single operator use.

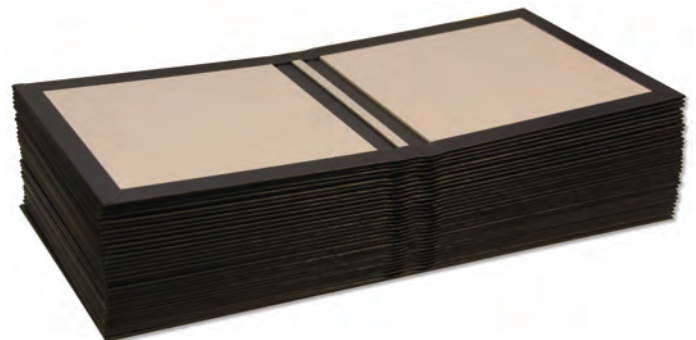
Power Required: 115 Volt, 60 cycle, 1 Amp, Air line



Super Squasher™ for pressing media up to 19"x24" with a 17" opening.



*Control panel promotes safe operation.
Designed for single operator only.*



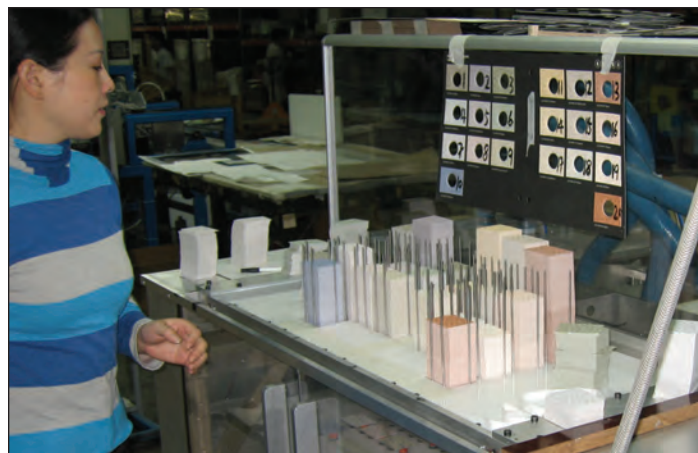
WHAT'S NEW AT ODM...

Sample Swatch Bookmaking Made Simple with the ODM Super Swatcher™

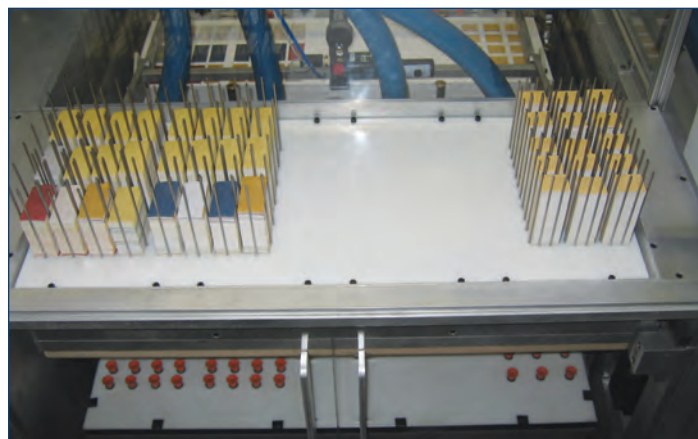
The Super Swatcher™ is an automatic swatch machine designed for mounting sample swatches to color cards (sample cards) for the textile industry. It's a process that has been done almost exclusively by hand and can now be accomplished by the ODM Super Swatcher™, a fast machine with perfect alignment and amazing accuracy. The top load till allows for continuous operation. Finished cards are neatly stacked on a portable work station.

Super Swatcher™ can mount up to 125 swatches on a one, two or three-panel swatch card at a rate of 500 cards per hour. Super Swatcher™ streamlines the production workflow process, eliminates the pre-collation of swatches that's required in a hand-mounting operation and simplifies the swatch cutting operation.

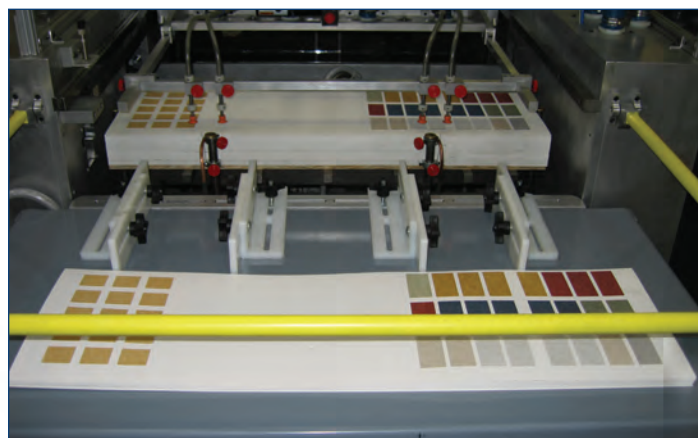
Glue roller slides out for fast, easy clean up. Touch screen LCD control panel allows operator to easily access machine settings. Make-ready costs are relatively low. Swatches can be mounted on any card size up to 14" x 36". Minimum swatch size is one-inch square.



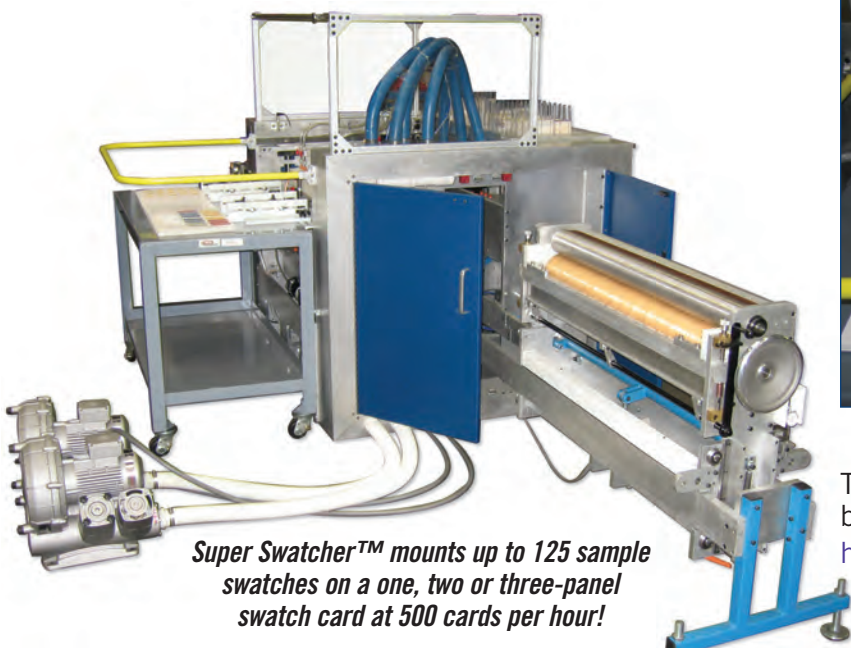
Super Swatcher™ eliminates the pre-collation of swatches that's required in a hand-mounting operation.



Top load till allows for continuous operation.



Finished cards are neatly stacked on portable work station.



Super Swatcher™ mounts up to 125 sample swatches on a one, two or three-panel swatch card at 500 cards per hour!

The Super Swatcher™ is the only machine of its kind to be manufactured in the USA. View Demo Movie at:
<http://www.ODMachinery.com/SuperSwatcher.htm>

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Bindery Matters



Robert Kelly Jr., production manager, stands with his company's new Super Sewer.

Automatic Side Sewing Machine Meets the On-Demand Finishing Needs for Yearbook Printer

MUSKOGEE, OK—When Ruth Kelly Studio employees found themselves in need of new equipment to finish a job that was too big for their existing machines, they ordered a Super Sewer from On Demand Machinery (ODM). ODM delivered, installed and trained the bindery department within 48 hours of placing the order. In fact, President Robert Kelly mused, ODM drove 22 hours to deliver the machine without even collecting a deposit.

The Super Sewer is an automatic side sewing machine designed for producing on-demand photo books, from wallet to tabloid and up to 0.5" thick. The equipment features Back Tack Technology that creates a reverse lock-stitch on the head and foot of the book block, ensuring a strong side sew. The Super Sewer can sew up to 600 books/hr.—a boon to Ruth Kelly Studio's needs as a photography and yearbook printer for more than 100 different school districts.

50 Printing Impressions • www.piworld.com • OCTOBER 2013

MyPRINT Resource
On Demand Machinery LLC • XXL Series Casemaking Machines

Game-changing production solutions.

Buyer's Guide

- Consumables & Supplies
- Mailing & Fulfillment
- Other Equipment & Supplies
- Output Devices
- Postpress & Finishing
- Prepress & PreMedia
- Print Shops & PSPs
- Trade Services
- Training & Trade Shows

XXL Series Casemaking Machines
From wallet to oversize tabloids, the next generation.

GET INFO NOW

Related Categories

- Postpress & Finishing
- Perfect Binder
- Seaming & Sealing Equipment

Publishing Executive
Your Partner in Strategic Thinking

Press Release: Maple Press, One of the Largest Book Manufacturing Plants in the Northeast, Goes Digital and Installs the ODM Casemaking System™, Sticker™ and Smasher™ to Produce On-Demand Library-Quality Hardcover Books.

October 1, 2013

"Maple Press has been working with ODM - On Demand Machinery for the last six months. My direct contact has been with John Jacobson, Jr., President. John has guided us through the selection and ordering of equipment as well as the installation and training process.

During my visit to ODM's plant facility in New Jersey, I learned that all of the design and manufacturing of the equipment was done in their New Jersey plant. It was refreshing to find excellent equipment designed and manufactured in the United States.

We purchased the Casemaking System™, Sticker™ and Smasher™ building-in machines and have castings and Smasher™ building-in machines and the service team very satisfied with the equipment and the service that we have received from ODM."

G. Scott Simons, Vice President of Operations at St. Croix Press, Inc.

Publishing Business Today - October 01, 2013

- Press Release - Courier Corporation Selects Firebrand Technologies for Digital Content Distribution Services
- Press Release - Writers Kluwe Health Releases First Interactive Edition of Washington Manual of Medical Therapeutics
- Btoli Magazine to Become Part of Advertising Age
- Pickriss Magazine Goes Entirely Digital
- Press Release - 12 Acclaimed Illustrators Promote Children's Independent Reading with An Depicting "Read Every Day. Lead a Better Life."
- It's Time to Redefine Payroll
- Press Release - Maple Press, One of the Largest Book Manufacturing Plants in the Northeast, Goes Digital and Installs the ODM Casemaking System™, Sticker™ and Smasher™ to Produce On-Demand Library-Quality Hardcover Books

Photo Book & Creative Printing RETAILER

Fall 2013

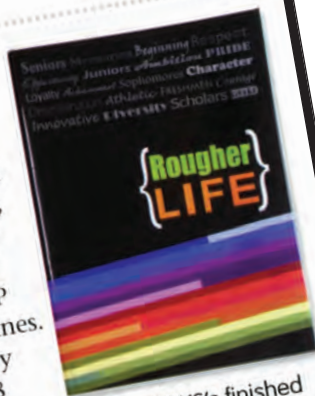
What's Happening

ODM's Customer Service & Super Sewer Help Bolster Yearbook Publishers

Elizabeth, NJ—On Demand Machinery (ODM), which manufactures on-demand hardcover binding machinery, is helping yearbook publishers drive their business with its Super Sewer.

Ruth Kelly Studio (RKS) needed the Super Sewer ASAP to finish a job that was too big for their existing machines. ODM delivered and installed it and trained the bindery department how to operate the Super Sewer within 48 hours of the order being placed. In just days, RKS was up and running and sewing books, and the job was delivered on time.

"ODM has been crucial in helping us build more consistent and more durable books thanks to the Super Sewer," said Kevin Cheyne, production manager at Ruth Kelly Studio. RKS is a full-service, family-owned and operated photography studio/lab and yearbook printer in Muskogee, Oklahoma. It currently services the photographic and printing needs of 100+ school districts and continues to grow. It has expanded services for elementary and middle school yearbooks and has become recognized in Oklahoma for quality photographic and yearbook services.



One of RKS's finished cased-in, "library-quality" hardcover yearbooks

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What's Happening

from page 17

The ODM Super Sewer is an automatic side-sewing machine for producing on-demand photo books, from wallet size to tabloid, and up to a half inch thick. The Super Sewer features Back Tack technology; the machine does a reverse lock-stitch on the head and foot of the book block, ensuring a strong side sew that will not come apart like standard side-sewn or PUR bound books normally do, the company notes. The Super Sewer sews 600 books per hour and is designed for easy operation with a touch-screen LCD color control panel. odmmachinery.com

Digital Imaging Reporter 25

Bindery Matter

Maple Press Opts For Digital Casemaker

YORK, PA—On Demand Machinery recently installed an ODM Casemaker, Sticker casing-in and Smasher building-in machines at Maple Press to produce "library-quality" hardcover books. According to Maple Press Vice President of Operations G. Scott Simons, "It was refreshing to find excellent equipment designed and manufactured in the United States."

All four sides of the cover are placed in the Stomper (turned-in) by the operator, ensuring a tight corner wrap. The finished hard cover goes through the Squeezer (rotary press).



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December 2013

THE BIG PICTURE

ODM's XXL Series Next-Gen Casemaking Machines for Tabloid-Size Photo Books

Elizabeth, NJ—On Demand Machinery's XXL series is scalable to fit the production requirements needed to produce hardcover photo books from wallet to 18x18 inches tabloid size, up to 4 inches thick.

The XXL series, ODM's next generation of equipment for sewing in, casemaking, casing in and building in, are entry-level hardcover bookbinding machines that work seamlessly together or independently to produce "library-quality" books.

The **Super Sewer XXL** is an automatic, side-sewing machine designed for producing (up to 400 per hour) side-sewn book blocks from 4x4x1/32 inches to 18x18x1 inches. It predrills holes prior to thread stitching, enabling the book block thickness up to one inch.

The **Casemaking XXL** is said to be self-adjusting and simple to operate, making it a choice for printers who require on-demand bindery and short-run applications. The XXL Casemaking system can produce 200 covers per hour from wallet (4x4 inches) to tabloid (18x18), up to 1/2 inch thick.



PRODUCTS AND SERVICES FOR LARGE-FORMAT APPLICATIONS

The **Sticker XXL** casing-in machine features a touch-screen LCD control panel that enables the operator to select the book size, a three-position blade height control and removable glue stations for easy cleanup.

The **Smasher XXL** building-in machine is also simple to operate, self-adjusting and requires no makeready. The operator places the cased-in book into the Smasher XXL and depresses a foot pedal that brings the top joint iron in contact with the book. This enables the operator to accurately find the joint area of the book. Dual buttons are depressed to activate the hydraulic system that raises the bottom steel platen and clamps the book with 10 tons of pressure. The heated joint irons aid in forming the joint by reactivating the adhesive in the joint area and softening hardcover materials such as library buckram and film laminates. odmachinery.com



Volume 21, Number 11

FOCUSED ON THE BUSINESS OF IMAGING December 2013

New Products

Air Pressing Machine for Large Media

The ODM Super Squasher Air Press machine is designed for pressing, compacting and squashing super-sized media up to 19x24" with a 17" opening. It is ideal for photo album pages, menus, file folder products featuring an accordion type folder and many hand assembly items requiring hand pressing. With a 16" stroke (1" opening when cylinder is down), the ODM Super Squasher provides up to 3,000 lbs. of pressure. The unit is mounted on a heavy-duty steel tabletop and is designed for single-operator use.



www.ODMachinery.com

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GRAPHIC ARTS

ODM to showcase its new breakthrough Book-Trac Barcode Technology at Print 13

On Demand Machinery (ODM - Elizabeth, NJ) has partnered with Productive Solutions (Data Integrity Control Systems) to expand its Book-Trac family of products, creating the ability for customizable automation controls and production reporting capabilities for all of its book-manufacturing clients.

Basically, the new barcode technology matches book blocks with book covers. The addition of ODM Book-Trac on the Super Sticker (an automated, casing-in machine that can produce 400 to 600 books per hour) is the first in a series of future options aimed at improving production profits. It accomplishes this in two ways.

First, it automates the cover spine adjustment with the ODM Super Sticker Auto-Sizing Option. This inline reading system allows grouping of similar book layout sizes (all 8-9's or 8-9's for example) into one production session. By reading the Book ID Barcode, the Super Sticker automatically adjusts for the next book's spine thickness. This all occurs before the book block carriage has been repositioned, thereby increasing throughput.

Second, the cover is matched to the manually loaded book block. If they match, the process continues. If they don't, the technology stops the Super Sticker from proceeding and visually warns the operator of the mismatch.



Operator places the book block on the book carriage while the Super Sticker is in the top position. The ODM Book-Trac scanner reads the ID Barcode.

ODM PARTNERSHIPS...

ODM Partners with Convertible Solutions in Manufacturing the Sidewinder™, an automated bindery system for producing Panoramic TRU-Flat® photo books.

Convertible Solution's TRU-Flat® binding technology allows photo book printers to print and easily bind beautiful lay-flat photo books with the ODM Sidewinder™.

ODM's Sidewinder™ is an automated, on-demand bindery system that's specifically designed for panoramic photo paper with TRU-Flat® binding technology. The Sidewinder™ eliminates the labor intense process of using hand-operated equipment to produce book blocks for lay-flat photo books. ODM engineers developed an automated, self-contained bindery system that scores, folds, and presses book blocks up to one-inch thick. The Sidewinder™ can produce up to 100 panoramic photo book blocks per hour and is easy to operate with touch screen LCD control panel. No make ready is required.



Panoramic TRU-Flat® Photo Books

ODM Sidewinder™ bindery system scores, folds, and presses panoramic photo papers allowing beautifully printed images to flow seamlessly across the fold, giving digital printers of all sizes the ability to produce high-value, high-impact books and bound products without a gutter.

Maximum Book Size:

Open: 27" x 14";

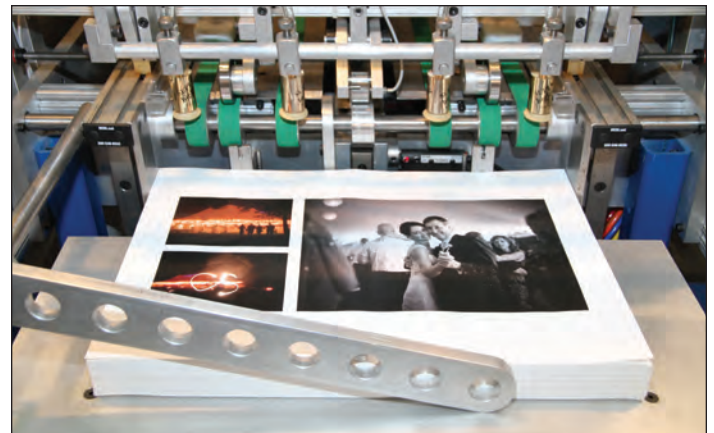
Closed: 13.5" x 14" up to 1" thick

View Demo Movie at:

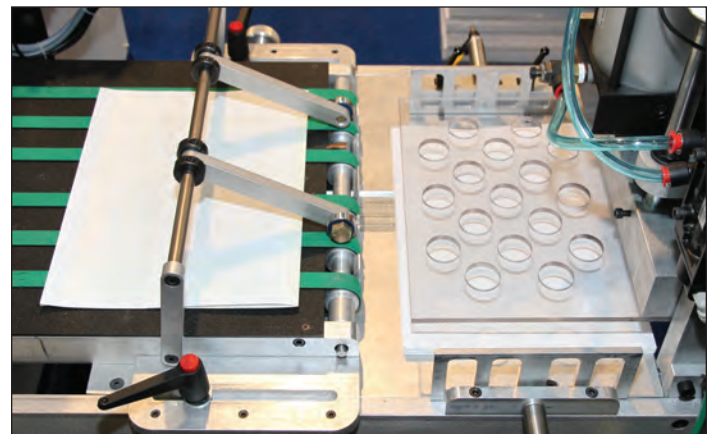
<http://www.odmmachinery.com/sidewinder.htm>



Convertible Solutions' TRU-Flat® binding technology produces 27" x 14" (open) lay-flat photo books up to 1" thick.



Grippers align and feed paper into Sidewinder™ bindery system to be scored, folded and pressed.



Finished book blocks come off conveyor belt and are stacked and ready for the casing-in process.

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ODM PARTNERSHIPS...

ODM Partners with Perfect Bindery Solutions at IPEX in London. Visit Stand N3-D255, Mar 24-29, 2014.

Perfect Bindery Solutions is an authorized ODM distributor for the UK. On display will be ODM's **XXL Series** of casemaking equipment. The **XXL Series** is the Next Generation of ODM equipment for casemaking, casing-in and building-in. These entry-level hard cover bookbinding machines work seamlessly together or independently to produce 'library-quality' books that will last for generations.

The ODM **XXL Series** will enable you to produce hard cover books from 4" x 4" (100 mm x 100 mm) wallet to 18" x 18" (450 mm x 450 mm) tabloid size, up to 4" (100 mm) thick. Output: 100 to 300 books per hour



John Jacobson met Steve Giddens when On Demand Machinery was exhibiting at Photokina 2008 in Cologne, Germany. Ever since, ODM has partnered with Perfect Bindery Solutions as their authorized ODM dealer in the UK.

For an ODM demo and sample book, visit Stand N3-D255 and ask Steve Giddins.

Perfect Bindery Solutions LLP

Solutions House, Unit 4 Ventura Park
Broadshires Way, Carterton
Oxon OX18 1AD
Tel: 00 44 1993 840077
Fax: 00 44 1993 840096
Mobile: 00 44 7900 166788
E-mail: Steve@binderysolutions.co.uk
Web: www.binderysolutions.co.uk



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Bookbinding Made Simple with the ODM Casemaking System™

On Demand Machinery manufactures a complete line of bookbinding equipment that enables you to produce on-demand, case-bound, hard cover books in-house. There's no need to purchase expensive pre-made covers. It's fast and easy to produce your own 'library-quality' hard cover books. The ODM bookbinding system is easily 'scalable' to fit your production requirements. ODM's Casemaking System™, Super Sewer™, Sticker™ and Smasher™ enable you to produce 'library-quality' children's, yearbooks and photo books.

XXL Series will enable you to produce hard cover books from 4" x 4" wallet to 18" x 18" tabloid size, and up to 4" thick.

High volume users: ODM manufactures the Super Sticker™, an automated casing-in machine with **Book-Trac™** barcode technology and Super Smasher™, an automated building-in machine with auto-feed transfer station for book production.

Hard cover books produced on ODM machines are bound to last for future generations to enjoy.



FREE SAMPLE BOOK ON REQUEST

ODM PRE-OWNED MACHINES...

USED AND REBUILT ODM EQUIPMENT FOR SALE.

With over 20 years of on-demand bindery experience, ODM can help determine which casemaking system best fits your production requirements, call 908-351-6909 for pricing and availability.

ODM MODEL	PRICE
Casemaking System™ Spreader™/Slider™/Stomper™/Squeezer™	Call for pricing
Sticker™ Casing-in	Call for pricing
Smasher™ Building-in	Call for pricing



FREE TECH SUPPORT | 908-351-6906

